

art_root_io - Bug #23940

Intermittent issue with missing schema

01/23/2020 05:00 PM - Stefano Soleti

Status:	Closed	Start date:	01/23/2020
Priority:	Normal	Due date:	
Assignee:	Kyle Knoepfel	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.02.01	Spent time:	2.00 hours
Scope:	Internal	Experiment:	Mu2e
Description			
<p>I am having an intermittent problem with the processing of some art root files in Mu2e. For these files, a data product was created and put in the art::Event. The data product was never written out but its descendants are still present in the file. Since we do not need the original data product anymore, it was removed from the code base.</p> <p>For some files in the dataset (and only for some of them, all the files in the dataset are produced in the exact same way) I get this error:</p> <pre>mu2e -c Print/fcl/fileDumper.fcl /pnfs/mu2e/tape/phy-sim/sim/mu2e/cosmic-g4s1s2-cry2general-cat/190320/art/b3/d1/sim.mu2e.cosmic-g4s1s2-cry2general-cat.190320.002705_00007035.art</pre> <pre>cet::exception caught in art ---- DictionaryNotFound BEGIN No dictionary found for the following classes: art::Wrapper<vector<vector<mu2e::GenParticle> > > vector<vector<mu2e::GenParticle> > Most likely they were never generated, but it may be that they were generated in the wrong package. Please add (or move) the specification <class name="MyClassName"/> to the appropriate classes_def.xml file. Also, if this class has any transient members, you need to specify them in classes_def.xml. ---- DictionaryNotFound END %MSG Art has completed and will exit with status 7.</pre> <p>The error does not appear with e.g. /pnfs/mu2e/tape/phy-sim/sim/mu2e/cosmic-g4s1s2-cry2general-cat/190320/art/b3/d1/sim.mu2e.cosmic-g4s1s2-cry2general-cat.190320.002705_00007035.art</p> <p>Putting the schema back fixes the issue but it would be interesting to understand why this error happens only for some files.</p>			

History

#1 - 01/23/2020 07:47 PM - Kyle Knoepfel

- Description updated
- Occurs In 3.04.00 added
- Occurs In deleted (3.04.00)

#2 - 01/27/2020 10:39 AM - Christopher Green

- Assignee set to Kyle Knoepfel
- Status changed from New to Assigned

#3 - 02/10/2020 10:10 AM - Kyle Knoepfel

- Project changed from art to art_root_io
- SSI Package deleted (art)

- *Occurs In deleted (3.04.00)*

#4 - 02/10/2020 02:55 PM - Kyle Knoepfel

- *% Done changed from 0 to 100*

- *Status changed from Assigned to Resolved*

Resolved with commit [art_root.io:df2a56c](#).

#5 - 02/10/2020 02:56 PM - Kyle Knoepfel

- *Target version set to 1.02.01*

#6 - 02/10/2020 03:22 PM - Kyle Knoepfel

- *Status changed from Resolved to Closed*